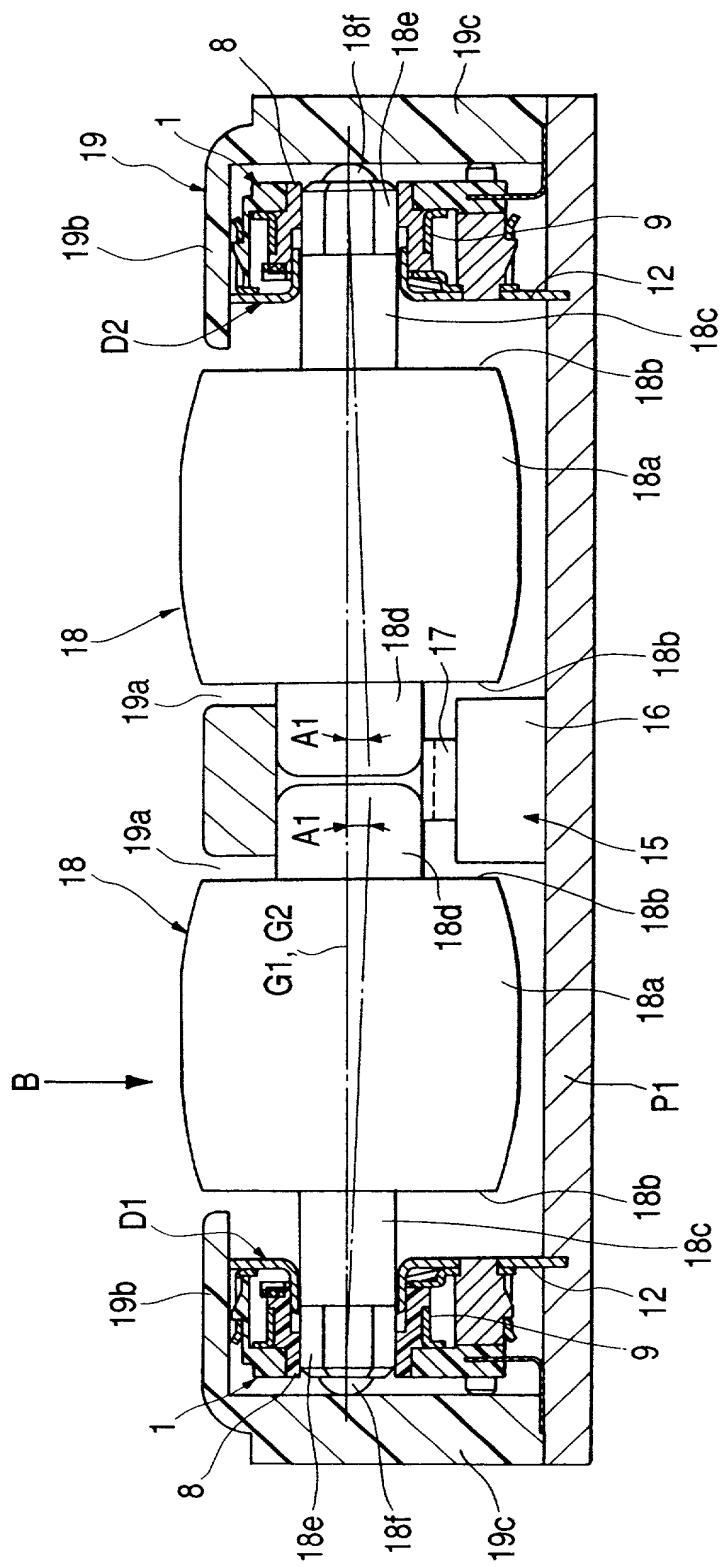


FIG. 1



2 / 12

FIG. 2

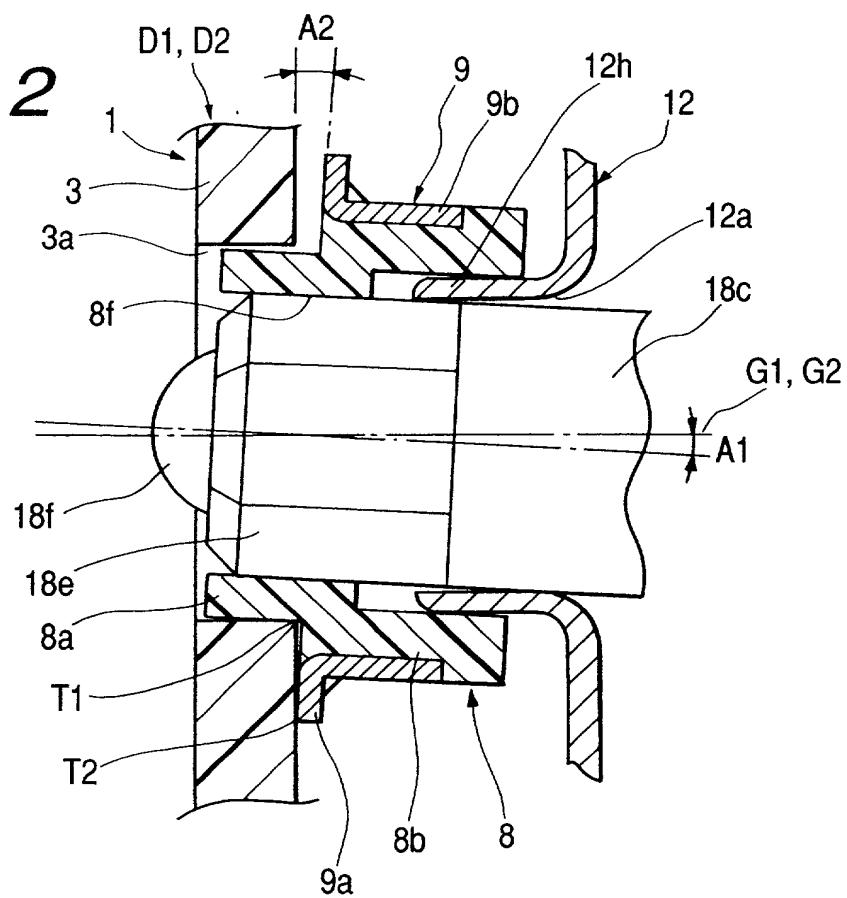


FIG. 3

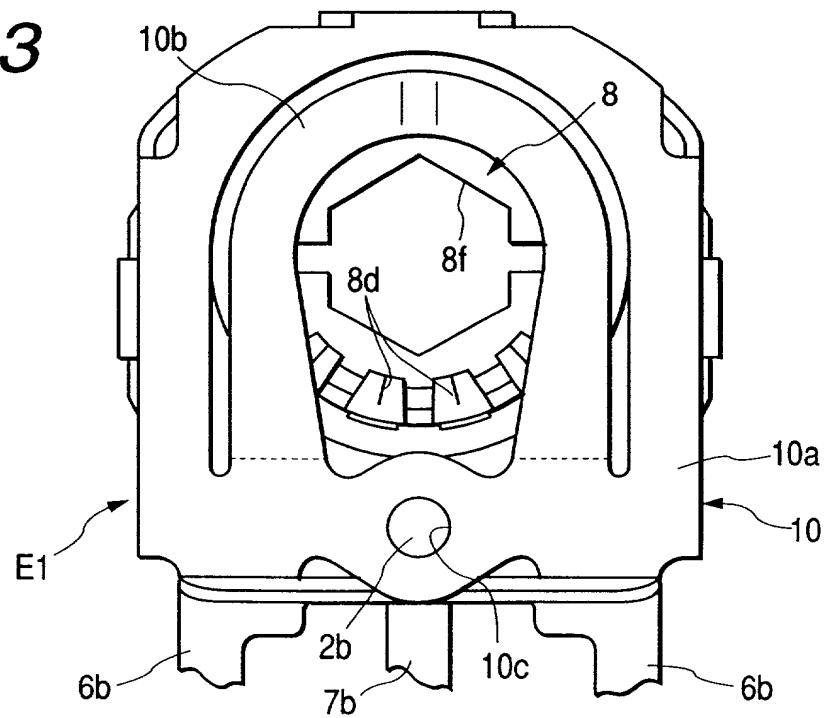


FIG. 4

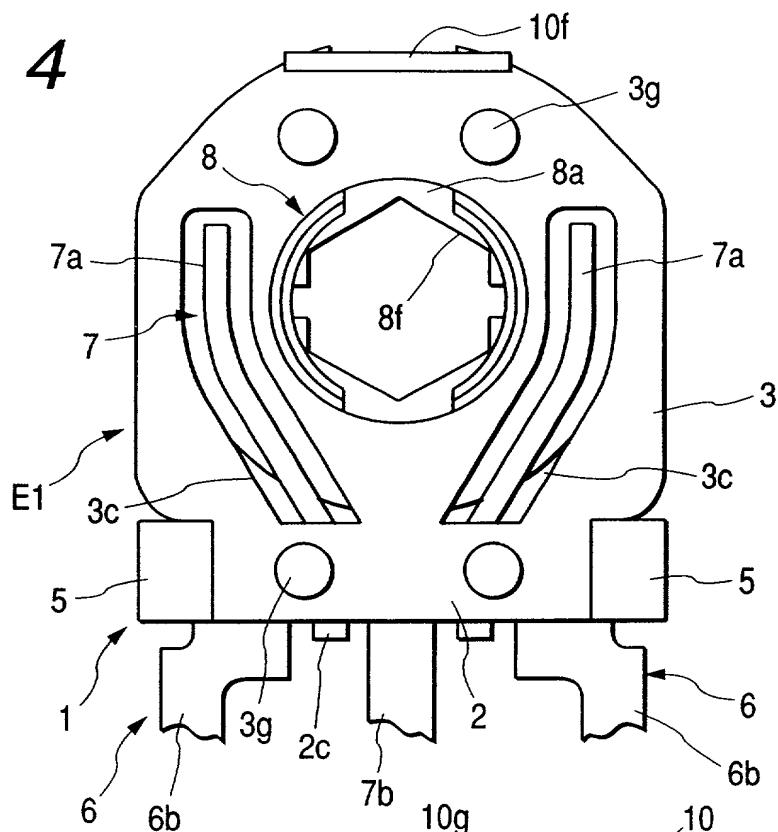


FIG. 5

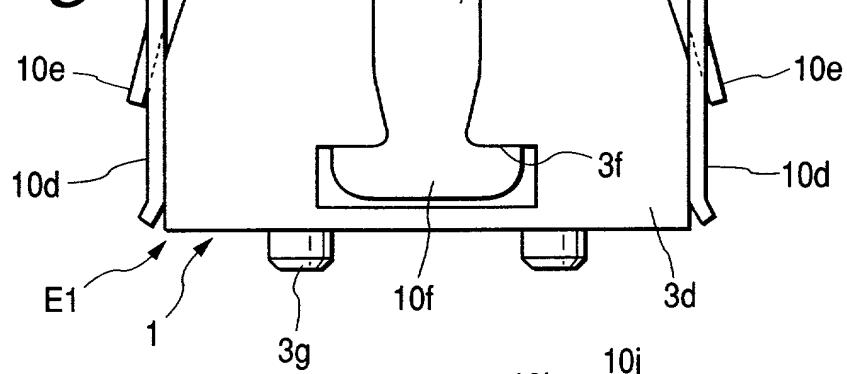


FIG. 6

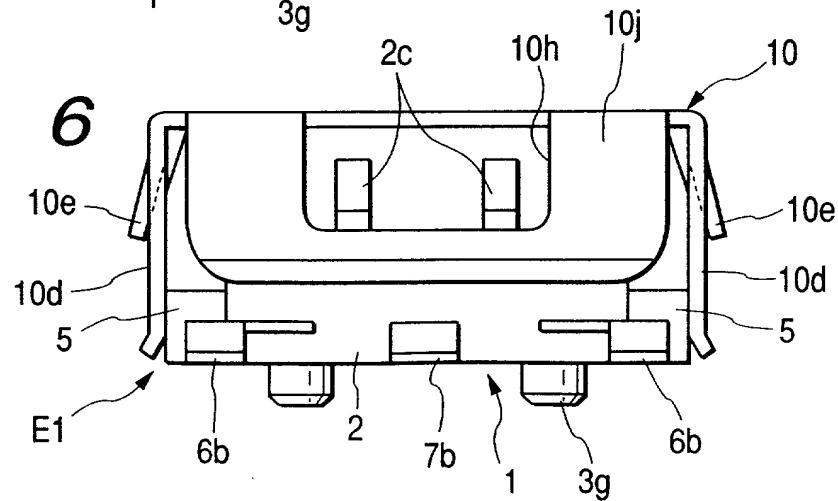


FIG. 7

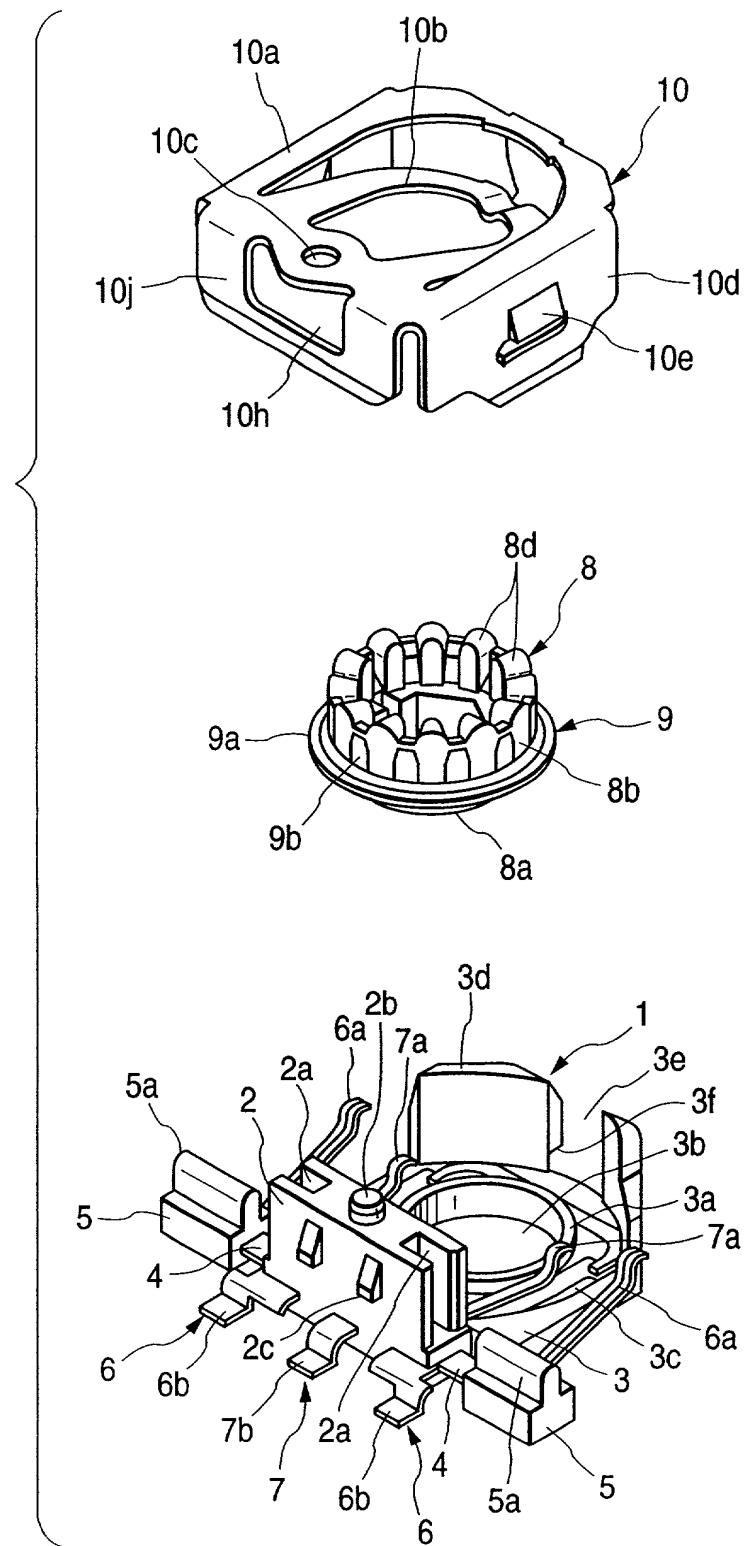
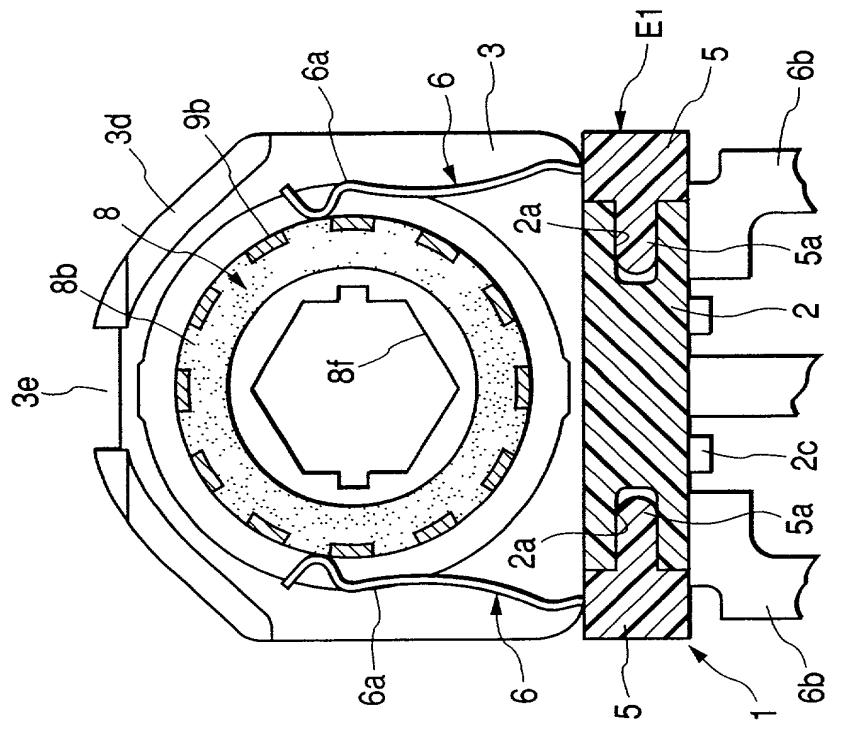


FIG. 8
FIG. 9



This cross-sectional diagram illustrates a mold assembly (1) for forming a ribbed structure. The mold includes a fixed mold plate (2) and a movable mold plate (3). The fixed mold plate (2) features a central cavity (7) with a ribbed base (6). The movable mold plate (3) has a central cavity (9) with a ribbed base (8). The mold assembly (1) is shown in a closed position, where the movable mold plate (3) is lowered into the fixed mold plate (2). The mold assembly (1) is secured by a locking mechanism (10) and includes a gas inlet port (E1) for pressurizing the mold cavity.

6 / 12

FIG. 10

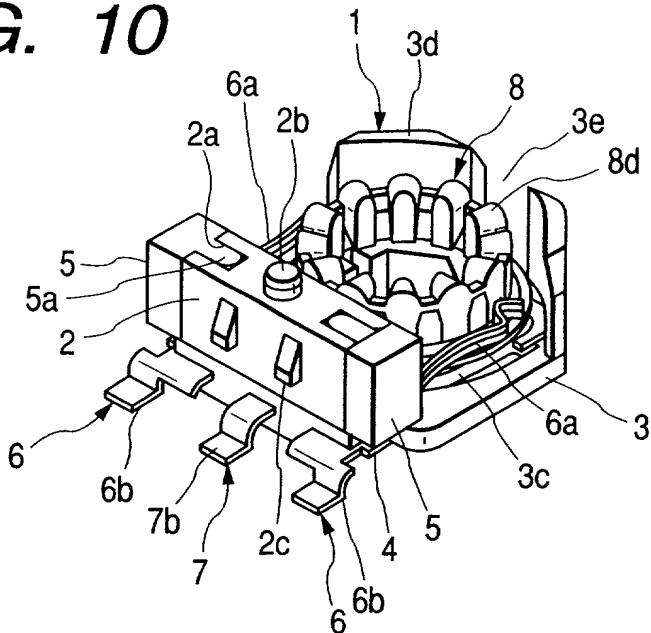


FIG. 11

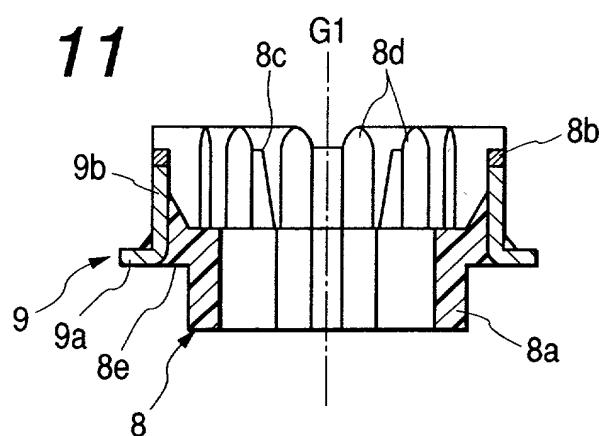


FIG. 12

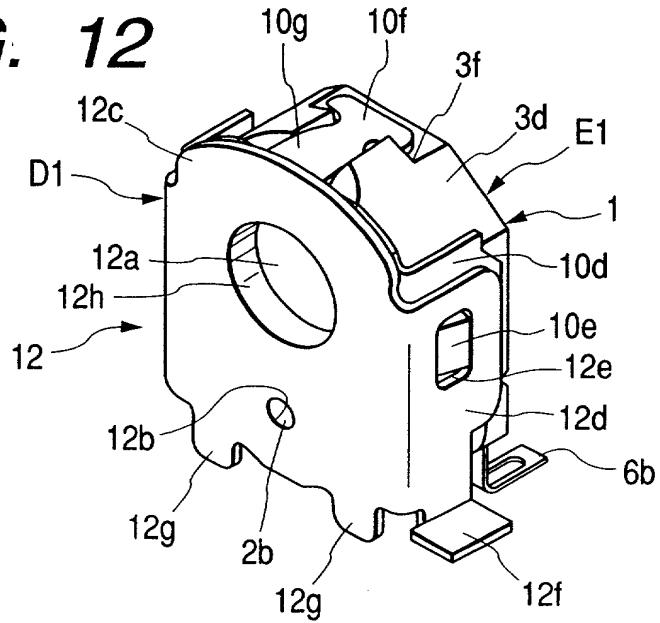


FIG. 13

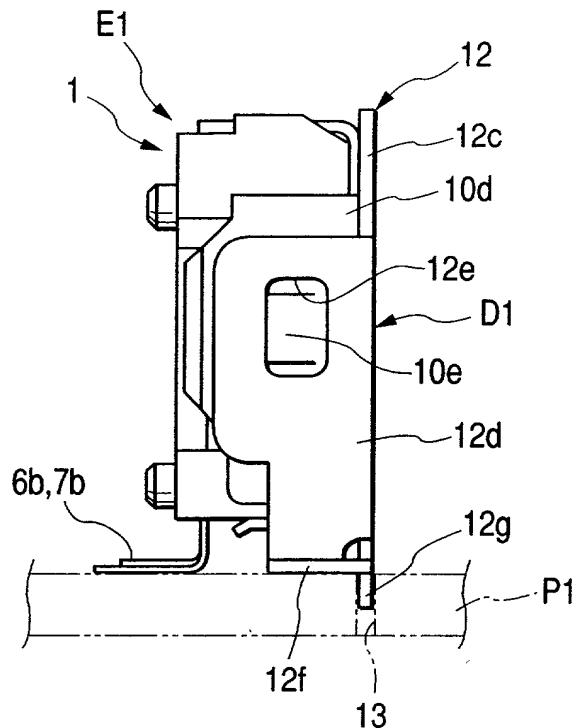


FIG. 14

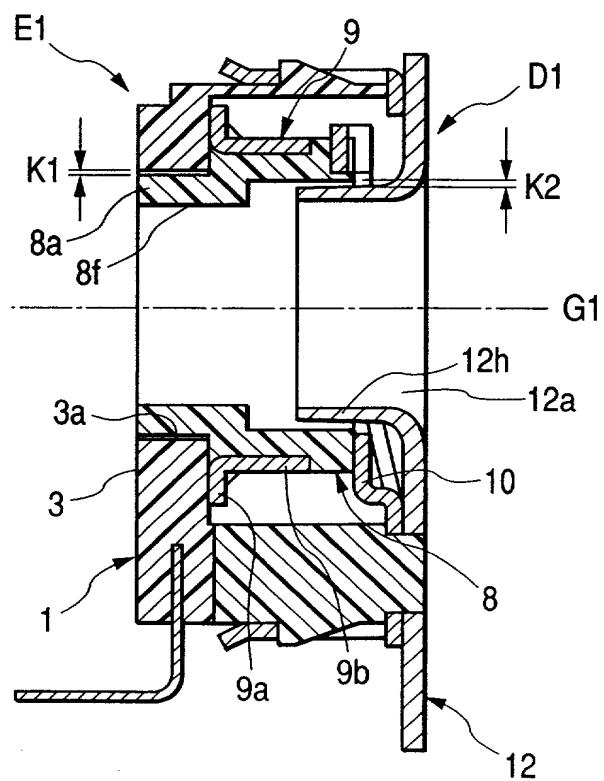


FIG. 15

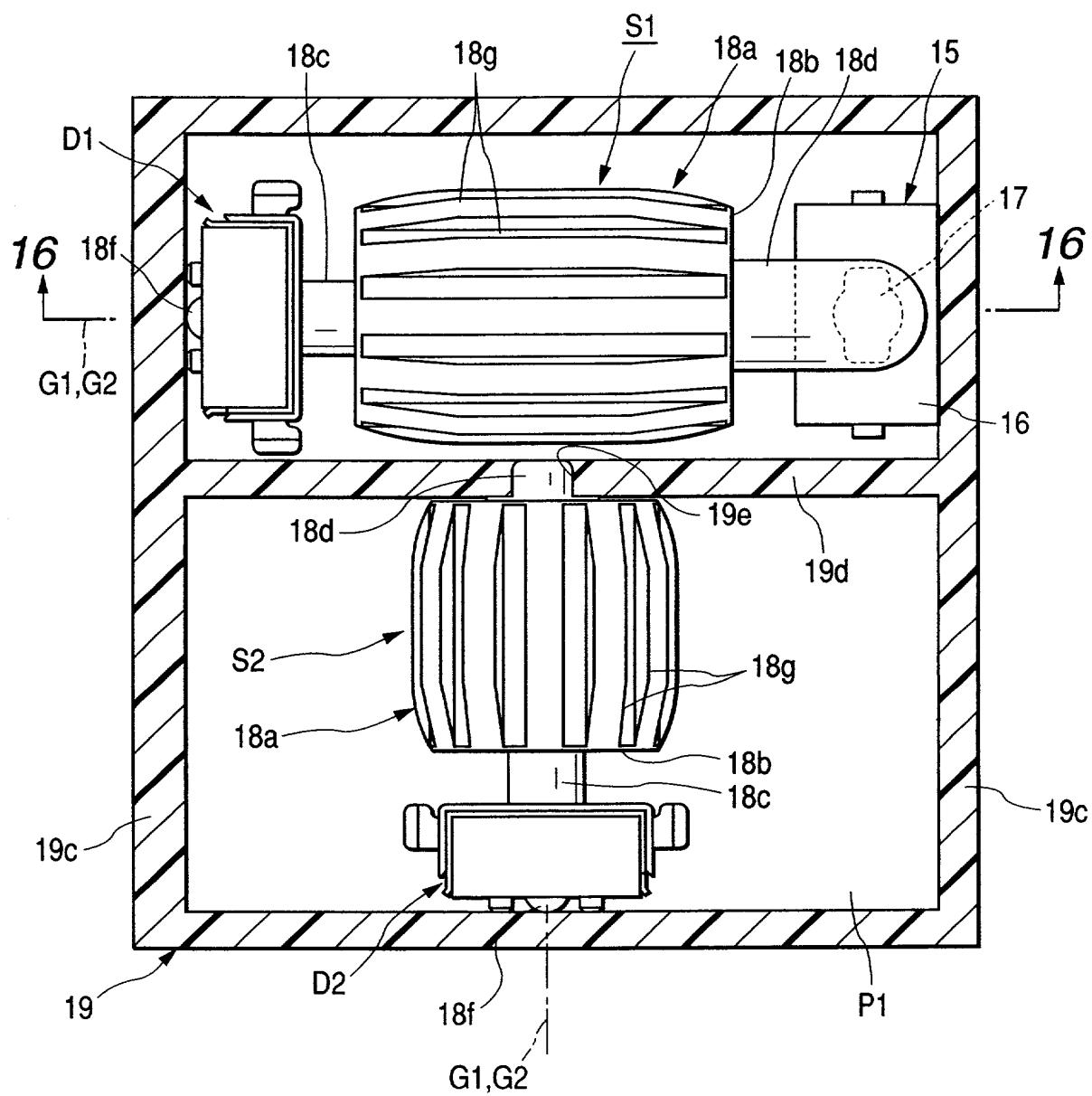
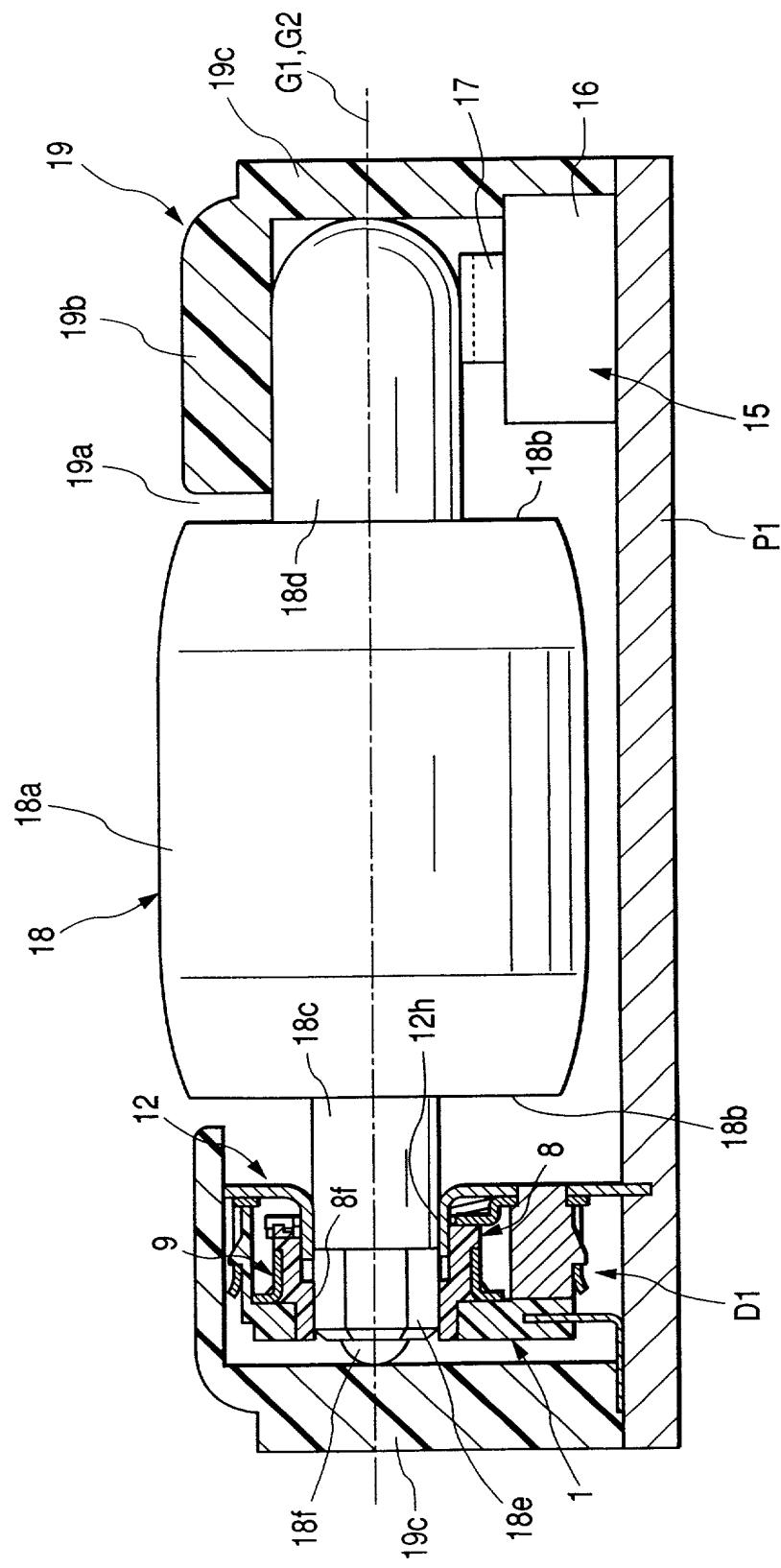


FIG. 16



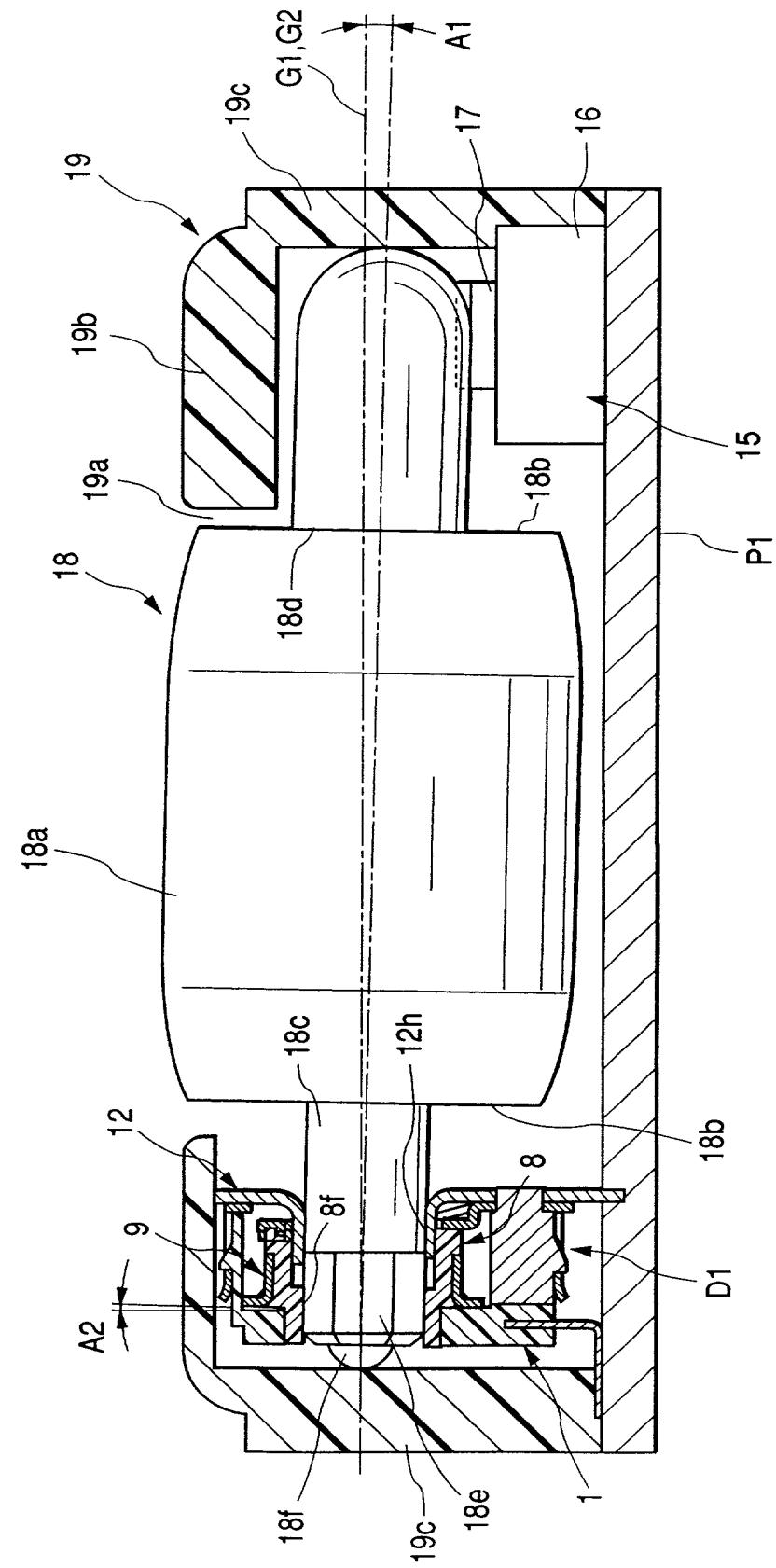


FIG. 17

FIG. 18

FIG. 19

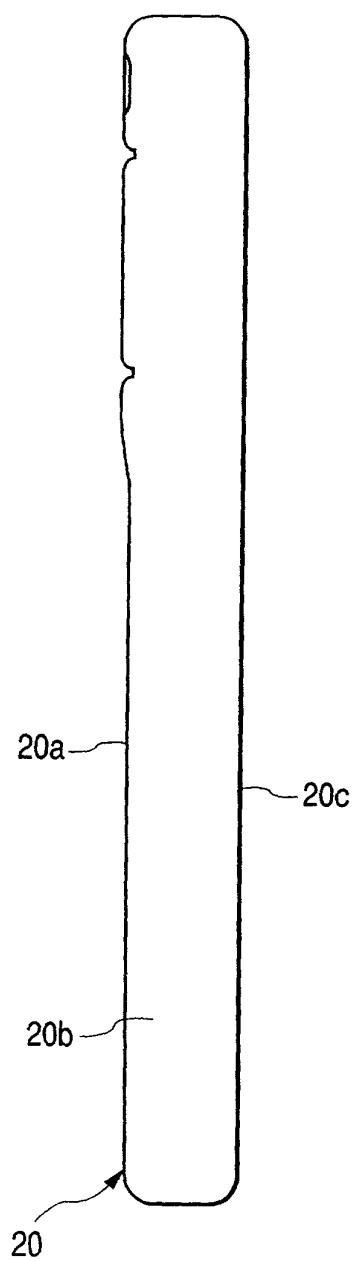
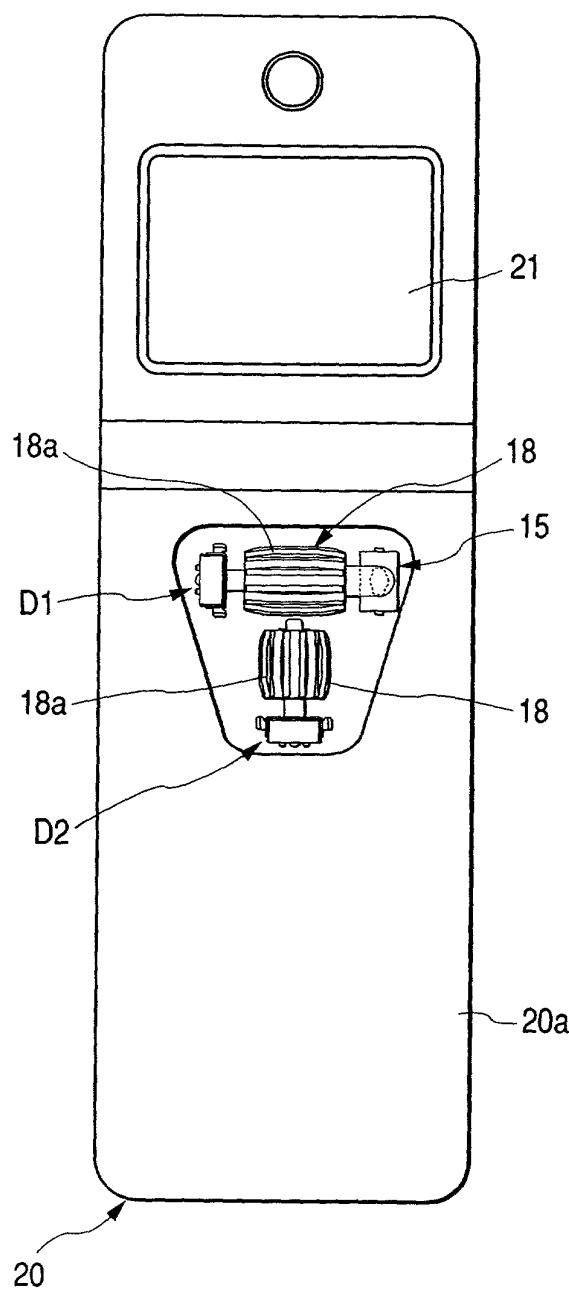


FIG. 20
PRIOR ART

